

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK 94/00273

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12N15/31 C12N15/13 C12N1/21 C07K14/35 C07K16/12  
 A61K39/04 C12Q1/04 //(C12N1/21, C12R1:19)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C07K A61K C12R C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SCANDINAVIAN JOURNAL OF IMMUNOLOGY  vol. 36 , 1992  pages 823 - 831  P. ANDERSEN ET AL. 'Identification of  immunodominant antigens during infection  with Mycobacterium tuberculosis'  see abstract  see page 823, left column, paragraph 1 -  right column, paragraph 1  see page 824, right column, paragraph 5 -  page 829, right column, paragraph 3  see page 830, left column, paragraph 2 -  right column, paragraph 1  ---  -/--</p>	<p>1-3, 24,  32, 45, 46</p>

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

## \* Special categories of cited documents :

\* "A" document defining the general state of the art which is not considered to be of particular relevance

\* "E" earlier document but published on or after the international filing date

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\* "P" document published prior to the international filing date but later than the priority date claimed

\* "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\* "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\* "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

19 September 1994

Date of mailing of the international search report

13 -10- 1994

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>INFECTION AND IMMUNITY vol. 61, no. 3 , March 1993 , WASHINGTON US pages 844 - 851 PETER ANDERSEN ET AL. 'Specificity of a protective memory immune response against Mycobacterium tuberculosis' see abstract see page 844, right column, paragraph 6 see page 845, left column, last paragraph - page 846, left column, paragraph 1 see page 847, left column, paragraph 2 - right column, paragraph 2 see page 849, right column, paragraph 2 -last paragraph</p> <p>---</p>	1-3,32, 45,46
A	<p>INFECTION AND IMMUNITY vol. 59, no. 4 , April 1991 , WASHINGTON US pages 1558 - 1563 PETER ANDERSEN ET AL. 'T-cell proliferative response to antigens secreted by Mycobacterium tuberculosis' cited in the application see abstract see page 1558, right column, paragraph 3 see page 1559, right column, paragraph 4 -paragraph 5 see page 1560, left column, paragraph 6 see page 1561, left column, paragraph 2 - right column, paragraph 1 see page 1562, left column, paragraph 4 -paragraph 5</p> <p>---</p>	1-3,24, 32,45
A	<p>INFECTION AND IMMUNITY vol. 60, no. 7 , July 1992 , WASHINGTON US pages 2880 - 2886 KRIS HUYGEN ET AL. 'Spleen cell cytokine secretion in Mycobacterium bovis BCG-infected mice' see abstract see page 2880, right column, last paragraph see page 2883, right column, last paragraph - page 2884, left column, paragraph 1</p> <p>---</p> <p style="text-align: center;">-/--</p>	1,3,24, 32,45

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>INFECTION AND IMMUNITY vol. 59, no. 6, June 1991, WASHINGTON US pages 1905 - 1910 PETER ANDERSEN ET AL. 'Proteins released from Mycobacterium tuberculosis during growth' cited in the application see page 1906, right column, paragraph 2 see page 1906, right column, last paragraph - page 1908, left column, last paragraph see page 1908, right column, paragraph 4 - page 1909, right column, paragraph 2 ---</p>	1,3
A	<p>INFECTION AND IMMUNITY vol. 56, no. 12, December 1988, WASHINGTON US pages 3046 - 3051 CHRISTIANE ABOU-ZEID ET AL. 'Characterization of fibronectin-binding antigens released by Mycobacterium tuberculosis and Mycobacterium bovis BCG' see abstract see page 3046, left column, paragraph 1 see page 3046, right column, paragraph 3 see page 3048, left column, last paragraph - right column, paragraph 1 see page 3048, right column, last paragraph - page 3050, right column, paragraph 1 see page 3051, left column, paragraph 2 -paragraph 3 ---</p>	1,3
A	<p>INFECTION AND IMMUNITY vol. 57, no. 10, October 1989, WASHINGTON US pages 3123 - 3130 MARTINE BORREMANS ET AL. 'Cloning, sequence determination, and expression of a 32-kilodalton-protein gene of Mycobacterium tuberculosis' see abstract see page 3123, left column, paragraph 2 - right column, last paragraph see page 3126, right column, paragraph 2 -paragraph 3; figure 3 see page 3129, left column, paragraph 3 - right column, paragraph 2 ---</p>	1,3, 15-17, 24,26, 27, 38-40, 43-45

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>INFECTION AND IMMUNITY vol. 62, no. 6, June 1994, WASHINGTON US pages 2536 - 2544 PETER ANDERSEN 'Effective vaccination of mice against Mycobacterium tuberculosis infection with a soluble mixture of secreted mycobacterial proteins' see abstract see page 2536, right column, paragraph 2 see page 2538, left column, paragraph 5 - page 2540, left column, paragraph 1 see page 2540, left column, paragraph 3 - right column, paragraph 2 see page 2542, right column, paragraph 2 -----</p>	<p>1-3, 10, 11, 24, 25, 32, 33, 46</p>